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Berrima Cement Works Community Liaison Group Meeting Minutes

Friday 14 July 2023

Berrima Cement Works meeting room, Taylor Avenue, New Berrima

ATTENDEES

Neighbours / Community Representatives

Clive West, Berrima resident and Berrima Resident Association representative

Andrew Wood, New Berrima resident

Morwenna Zabaks, Environment Manager, Wingecarribee Shire Council

Boral

Dean Beltrame, Operations Manager Berrima

Sharon Makin, Environmental Business Partner South Coast and Southern Highlands

Roland Wong, Senior Planning and Approvals Manager NSW/ACT

Kate Woodbridge, Stakeholder Relations Manager Northern Region

Apologies

Barry Arthur, Environment Manager, Wingecarribee Shire Council

Meeting commenced at 11 am

Matters arising from the last meeting – 1 December 2022

An information tab will be added to the Berrima Cement Works webpage to explain “What is an electrostatic precipitator (ESP) trip?”

Kate to draft wording and provide for clearance

Operational Update

Safety

- There were no serious incidents at the site and a 50% improvement on safety statistics on the prior year. Total Recordable Injury Frequency Rate (TRIFR) 10.5 from over 300,000-man hours. Last year the TRIFR was 21.
- The January major planned shutdown had 0 reportable safety incident from 88,000-man hours.
- In June the one week planned shutdown also had 0 reportable incidents.

Customer and people

- No supply or product quality issues.
- Two site visits were held in June, one for investors and the other was the Boral Board.
- Participation in local career day events (Southern Highlands, Wollongong and Goulburn).
- New starters: Renier Cronje (engineering manager), Paul Dalrymple (senior electrical engineer) and Michelle Treble (H&S partner).
- Employee Mark Freeman achieved 50 years of service.



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Production/Performance

- Clinker and cement volumes are higher compared to last year (~ 1.35Mt & ~ 1.12Mt respectively).
- Energy costs continue to be a significant head wind (coal & electricity). Value Improvement Projects identified and progressing to assist mitigate these costs (SWDF, GBFS, Fibreboard, Cement milling efficiencies). Boral has also increased product pricing.
- SWDF use is progressing well.
- Plant reliability has improved across all main assets. Kiln reliability last year was 89% compared to 93% this year, equivalent to an extra 50ktpa clinker production capacity.
- Alternate fuels used 60kt – a new record.
- Blast furnace slag used 120kt/6% average (last year 3.5%).

Environmental Updates

- An Independent Annual Non-Standard Fuels Audit was completed.
- Independent Audit of SWDF suppliers undertaken in April 2023, with no areas of concern.
- EPA Environmental Protection Licence Annual Return submitted in June 2023.
- Annual Environmental Management review issued to DPE in June 2023.
- Dust emission occurred on the 17th of April following works to unblock the cyclone. 3 complaints were received. The incident was self-reported to the EPA and DPE.

Management Plan Update

A Construction Environment Management Plan was prepared for the Tyre Chip Storage area construction and implementation and approved by DPE.

The Operational Environment Management Plan has been reviewed and updated in line with the Mod 15 approval associated with the tyre chip storage area.

Pending review by FRNSW is required prior to DPE approval.

Environmental monitoring – air quality management

- Our last stack test was undertaken on over 18/4 and 20/4 2023.
- All stack tests YTD have been compliant along with our Continuous Emission Monitoring (CEMs).

Dust monitoring results were all compliant.

Planning Update

Modification 14 – solid waste derived fuels (SWDF)

Project Objective

- Increase the volume of SWDF from 100,000tpa to 250,000tpa;
- Expand existing SWDF storage and handling facilities;
- Construct alternate access to the site;
- Additional 13 truck movements per day; and
- Permit 24 hour delivery of materials.

Project status & progress

- Application exhibited from 14 to 27 April 2022; agency submissions received.
- DPE Planning accepted response to Agency submissions on 22 March 2023.
- Submitted additional information on 5 May 2023.
- 16 May 2023 BCD advised revised road alignment necessitated BDAR.
- BDAR submitted to DPE Planning on 3 July 2023.
- Awaiting DPE Planning final assessment and determination.



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Project link [Modification 14 SWDF Increase, Delivery Variation & Site Access | Planning Portal - Department of Planning and Environment \(nsw.gov.au\)](#)

Modification 15 – tyre chip storage and feed infrastructure

Project objectives

- Permit new permanent outdoor storage and feed system to support use of tyre chips.
- Modify relevant conditions of consent.

Tyre chip use is already permitted under the Kiln 6 development consent, no change in volume stored or used, no increase in trucks or hours.

Project status and progress

- Planning report and technical assessment lodged in October 2022.
- Submitted response to agency submissions 25 January 2023.
- DPE Planning favourably determined application on 17 March 2023.

Project link <https://www.planningportal.nsw.gov.au/major-projects/projects/berrima-cement-mod-15-tyre-chip-storage-feed-infrastructure>

Carbon Capture Pilot Plant

Project Objective

- Up to 3-year trial to research carbon emissions reduction associated with clinker production;
- Import up to 2,000 tonnes of recycled concrete aggregates processed from construction and demolition waste;
- Installation of prefabricated plant to trial sequestration of carbon into aggregates & sand;
- Pilot trials to focus on optimising temperature, residence time and relative humidity.

Project status & progress

- DA made to Wingecarribee Shire Council (WSC) in September 2022;
- Consent documentation (11 April 2022) incompletely identified lots concerned.
- 3 May 2023 applied to modify consent to correctly identify lots.
- 27 June 2023 received WSC's favorable determination of modification application.

Project links:

<https://eservices.wsc.nsw.gov.au/T1PRProd/WebApps/eProperty/P1/eTrack/eTrackApplicationDetails.aspx?r=WSC.WEBGUEST&f=%24P1.ETR.APPDET.VIW&ApplicationId=23%2f0337> and

<https://eservices.wsc.nsw.gov.au/T1PRProd/WebApps/eProperty/P1/eTrack/eTrackApplicationDetails.aspx?r=WSC.WEBGUEST&f=%24P1.ETR.APPDET.VIW&ApplicationId=23%2f1217>

Planned applications

Modify SSD consent DA85-4-2005 (Cement Mill 7) to align noise management conditions of the ball mill consent with approved site wide noise management plan – currently on hold.

Modify SSD consent DA401-11-2002-1 (Kiln 6) to increase maximum permitted granulated blast furnace slag (GBFS) raw material from 150,000tpa to 350,000tpa. To be confirmed, a preliminary review is in progress.



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Current Local Matters / Community Issues

No expressions of interest were received after advertising local to fill the vacant CLG position was received. Kate to do another campaign and advertise in local paper.

A community investment framework for the next three financial years has been finalised.

General Business

The next meeting will be held on Tuesday 14 November 2023.

Action Items

- An information tab will be added to the Berrima Cement Works webpage to explain “What is an electrostatic precipitator (ESP) trip?”
- Meeting to be arranged with Clive regarding habitat corridor work.
- Advertising to fill CLG vacancy

Meeting closed 11 am

Boral Berrima Cement contacts:

Reception

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Kate Woodbridge Stakeholder Relations Manager

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